PTO/SB/05 (08-03)
Approved for use through 07/31/2006. OMB 0651-0032
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		ey Docket No.	HO-P02901US1			
UTILITY PATENT APPLICATION		nventor	Robert R. Wood		0	
				P 95		
TRANSMITTAL	Title	IMPROVED I	DRILLING FL	UIDS	J.S.	
(Only for new nonprovisional applications under 37 CFR 1.53(b))		44 74 4 444			<del>- 25</del>	
	Expres	ss Mail Label No.	ER 1470569		4	
APPLICATION ELEMENTS			MS Patent	Application ner for Patents	16	
See MPEP chapter 600 concerning utility patent application co.	ntents.	ADDRESS T	O: P.O. Box 14		8	
		<u></u>	Alexandria,	VA 22313-1450		
Fee Transmittal Form (e.g., PTO/SB/17)     (Submit an original, and a duplicate for fee processing)			A or CD-R in duplic er Program <i>(Appen</i>			
Applicant claims small entity status		Nucleotide ar	nd/or Amino Acid S	equence Submission	İ	
See 37 CFR 1.27.		(if applicable,	all necessary)			
3. X Specification [Total Pages 19	9 ]]	a. Comp	uter Readable Forr	m (CRF)		
(preferred arrangement set forth below) - Descriptive title of the invention		b. Specification Sequence Listing on:				
<ul> <li>Cross Reference to Related Applications</li> <li>Statement Regarding Fed sponsored R &amp; D</li> </ul>		i	CD-ROM or CD-R	(2 copies); or ii.	Paper	
<ul> <li>Reference to sequence listing, a table, or a computer program listing appendix</li> </ul>		c. Stater	nents verifying ider	ntity of above copies		
Background of the Invention     Brief Summary of the Invention		ACC	OMPANYING AF	PLICATION PARTS		
Brief Description of the Drawings (if filed)     Detailed Description		9. Assignm	ent Papers (cover	sheet & document(s))		
- Claim(s) - Abstract of the Disclosure			3.73(b) Statement			
4. Drawing(s) (35 U.S.C. 113) [Total Sheets			<i>iere is an assignee</i> Translation Docum	· / ·	1	
	ऻॱ	l Hinformat	ion Disclosure	Copies of IDS		
5. Oath or Declaration [Total Sheets	]]		nt (IDS)/PTO-1449			
a. Newly executed (original or copy)		13. Prelimin	ary Amendment			
b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)			Receipt Postcard (N			
		15 Certified	Copy of Priority De			
i. DELETION OF INVENTOR(S)  Signed statement attached deleting inventor(s)  (if foreign priority is claimed)  Negative Request under 25 U.S.C. 123 (b)(2)(R)(i)				B)(i)		
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).				PTO/SB/35 or its equival		
		17. Other:				
6. X Application Data Sheet. See 37 CFR 1.76						
18. If a CONTINUING APPLICATION, check appropriate box,			nation below and in	the first sentence of the		
specification following the title, or in an Application Data Sheet  Continuation  Divisional  Continuation		CFR 1.76: CIP) of prior applic	ation No :		l	
	i-iri-pari (	or prior applic				
Prior application information: Examiner	disclosu	re of the prior applica	Art Unit:	n oath or declaration is s	unnlied	
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by					ed by	
reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS						
19. COF	KESFU	INDENCE ADDRE				
Customer Number:		OR	X Correspo	ondence address below		
FULBRIGHT & JAWORSKI L.L	FULBRIGHT & JAWORSKI L.L.P.					
John E. Schneider						
Address 1301 McKinney, Suite 5100						
1301 Welliney, Julie 3100		r				
City Houston Sta		TX	Zip Code			
Country US Tel	ephone	(713) 651-515	51 Fa	ex (713) 651-524	6	
Name (Print/Type) John E. Schneider Registration No. (Attorney/Agent) 31,998						
Signature Date November 21, 2003						
Signature Date November 21, 2003						
Litility P	atent Ar	plication Transmit	ttal			
I hereby certify that this correspondence is being deposite	ed with th	ne U.S. Postal Servi	ce as Express Ma			
in an envelope addressed to: MS Patent Application, Coldate shown below.	A		0 0	ndria, VA 22313-1450,	on the	
	Lon	vie Wet	-	:- \A/-bb\		
Dated: November 21, 2003 Signature: (Ronnie Webb)						

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Effective 10/01/2003, Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

Complete if Known				
Application Number	Not Yet Assigned			
Filing Date	November 21, 2003			
First Named Inventor	Robert R. Wood			
Examiner Name	Not Yet Assigned			
Art Unit	N/A			
Attorney Docket No.	HO-P02901US1			

TOTAL AMOU	TOTAL AMOUNT OF PAYMENT (\$) 385.00 Attorney Docket No. HO-P02901US1								
METHOD OF PAYMENT (check all that apply)						FEE	CALCU	LATION (continued)	
X Check Credit Money Order Other None				DDITIO	DNAL	FEES	;	_	
Deposit Account:									
Deposit	00.0075		Large Fee	Entity	Small Fee	Entity Fee	-		
Account Number	06-2375		Code	(\$)	Code	(\$)		Fee Description	Fee Paid
Deposit Account F	ulbright & Jaworski	L.L.P.	1051	130	2051	65	•	e – late filing fee or oath	
Name The Director is au	thorized to: (check all that	apply)	1052	50	2052	25	Surcharge sheet.	e – late provisional filing fee or cover	
Charge fee(s)	indicated below X	Credit any overpayments	1053	130	1053	130	Non-Engl	ish specification	
X Charge any a	dditional fee(s) or any under	payment of fee(s)	1812	2,520	1812	2,520	For filing a	request for ex parte reexamination	
Charge fee(s	indicated below, except for	the filing fee	1804	920*	1804	920*	Requestir Examiner	ng publication of SIR prior to action	
to the above-ident	ified deposit account.		1805	1,840*	1805	1,840*	Requestir Examiner	ng publication of SIR after action	
	FEE CALCULATION	NN	1251	110	2251	55	Extension	for reply within first month	
1. BASIC FILI	NG FEE		1252	420	2252	210	Extension	for reply within second month	
Large Entity Sn	all Entity		1253	950	2253	475	Extension	for reply within third month	
Fee Fee Fe Code (\$) Co		iption Fee Paid	1254	1,480	2254	740	Extension	for reply within fourth month	
1001 770 200	1 385 Utility filing	fee 385.00	1255	2,010	2255	1,005	Extension	for reply within fifth month	
1002 340 20	2 170 Design filing	g fee	1401	330	2401	165	Notice of	Appeal	
1003 530 200	3 265 Plant filing	fee	1402	330	2402	165	Filing a bi	ief in support of an appeal	
1004 770 200	04 385 Reissue fili	ng fee	1403	290	2403	145	Request f	or oral hearing	
1005 160 200	05 80 Provisional	filing fee	1451	1,510	1451			institute a public use proceeding	<u></u>
	SUBTOTAL (1)	(\$) 385.00	1452	110	2452	55		revive – unavoidable	
	000101742 (1)	(4)	1453	1,330	2453	665	Petition to	revive - unintentional	
2. EXTRA CLA	IM FEES FOR UTILI		1501	1,330	2501	665	Utility issu	ue fee (or reissue)	
J		e from elow Fee Paid	1502	480	2502	240	Design is:	sue fee	
Total Claims 13		= 0.00	1503	640	2503	320	Plant issu	e fee	
Independent 2	-3** = X	= 0.00	1460	130	1460	130	Petitions t	to the Commissioner	
Multiple Dependent		=	1807	50	1807	50	Processin	ig fee under 37 CFR 1.17(q)	
Large Entity Sm.	all Entity		1806	180	1806	180	Submission	on of Information Disclosure Stmt	
Fee Fee Fee Code (\$) Code	Fee Fee Fee I	Description	8021	40	8021	40		g each patent assignment per times number of properties)	
1202 18 220	2 9 Claims in excess	s of 20	1809	770	2809	385	Filing a su (37 CFR	ubmission after final rejection	
1201 86 220	' ·	ims in excess of 3	1810	770	2810	385	For each	additional invention to be	
1203 290 220 1204 86 220	•	ent claim, if not paid	1801	770	2801	385		(37CFR 1.129(b)) or Continued Examination (RCE)	
1204 00 220	over original p							or expedited examination	
1205 18 220	5 9 ** Reissue claim and over origi	s in excess of 20 nal patent	1802 Other f	900 ee (spe	1802 cifv)	900		n application	
1	CURTOTAL (2) [7	\$) 0.00	1	ced by E		ling Foo	Paid	SUBTOTAL (3) (\$)	0.00
**or number previously paid, if greater; For Reissues, see above				ceu by t	Jasic Fl	my ret	- raiu	300101AL (3) [(#)	0.00
SUBMITTED BY	71 =							(Complete (if applicable))	
CODMITTED BY	(compare (in appreciate))								

SUBMITTED BY		(Complete	(if applicable))
Name (Print/Type) John E. Schneider	Registration No. (Attorney/Agent) 31,998	Telephone	(713) 651-5262
Signature Stuff John	uich	Date	November 21, 2003

Fee Transmittal
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Dated: November 21, 2003

Application No. (if	if known): Attorney Docket N	No.: HO-P02901US1
Cor	rtificate of Express Mailing Under 37 CFR	₽ 1 1∩
		7 1.10
l hereby Express	by certify that this correspondence is being deposited with the United States P is Mail, Airbill No. ER 147056946 US in an envelope addressed to:	ostal Service as
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on	November 21, 2003  Date	
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	Signature	
_	Ronnie Webb Typed or printed name of person signing Certificate	_
Note:	Each paper must have its own certificate of mailing, or this certificate must each submitted paper.	identify
	Application Data Sheet	
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